

DPM 5160-1

U.S. DEPARTMENT OF LABOR  
Occupational Safety & Health Administration  
MATERIAL SAFETY DATA SHEET

FEB 05 1982

SECTION I	
MANUFACTURER'S NAME E. I. du Pont de Nemours & Co., Inc.	EMERGENCY TELEPHONE NO. (302) 774-1000
ADDRESS (Number, Street, City, State, and ZIP Code) 110th & Market Streets, Wilmington, Delaware 19898	
CHEMICAL NAME AND SYNONYMS Methyl derivative azo-benzene-4-azo-2-naphthol	TRADE NAME AND SYNONYMS Du Pont Oil Red Powder or Flakes Solvent Red 24
CHEMICAL FAMILY	FORMULA Color Index 26105 $C_{24}H_{19}ON_4$

SECTION II HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
Pigments			BASE METAL		
Catalyst			Alloys		
Vehicle			METALLIC COATINGS		
Solvents	None		FILLER METAL PLUS COATING OR CORE FLUX		
Additives			OTHERS	None	
Others	None				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					

SECTION III PHYSICAL DATA			
Melting Point, °F	310	SPECIFIC GRAVITY (H <sub>2</sub> O=1) (Flakes)	5.0
		Bulk density, lb/gal (Powder)	3.0
VAPOR PRESSURE (mm Hg.)	Not Applicable	PERCENT VOLATILE BY VOLUME (%)	Not Applicable
VAPOR DENSITY (AIR=1)	Not Applicable	EVAPORATION RATE (=1)	Not Applicable
SOLUBILITY IN WATER	Unknown		
APPEARANCE AND ODOR Chocolate red flakes or powder			

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used) Not applicable	FLAMMABLE LIMITS N.A.	Lel	Uel
EXTINGUISHING MEDIA Dry or wet fire extinguisher			
SPECIAL FIRE FIGHTING PROCEDURES Product not classified as flammable but will burn if ignited.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Dusts may form explosive mixture with air.			

ESJ 10/13/71 Rev. 4/2/76  
Rev. 5/27/77

NOTICE FROM DU PONT

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Unknown.
EFFECTS OF OVEREXPOSURE	Red Powder is mild eye and skin irritant.
Acute oral toxicity to rats (ALD > 5000 mg/kg).	
EMERGENCY AND FIRST AID PROCEDURES	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, wash skin with mineral oil and then soap and water. In case of accidental ingestion, induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) None known			
HAZARDOUS DECOMPOSITION PRODUCTS None known			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Sweep up. Take care to minimize dust. Wash up with kerosine and rinse with water.
WASTE DISPOSAL METHOD
Place sweepings in a combustible container and burn.

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Filter type respirator		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Rubber		EYE PROTECTION Goggles
OTHER PROTECTIVE EQUIPMENT		

## SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
OTHER PRECAUTIONS
Avoid excess heat to prevent product caking.



E. I. DU PONT DE NEMOURS & COMPANY  
INCORPORATED

WILMINGTON, DELAWARE 19898

PETROCHEMICALS DEPARTMENT  
Petroleum Chemicals Division

August 10, 1978

Mr. M. J. Veneroso, Dept. C1-725(52-11)  
Douglas Aircraft Company  
3855 Lakewood Boulevard  
Long Beach, California 90846

Dear Mr. Veneroso:

RE: Your C1-725-97

Enclosed per your request of July 14, please  
find our OSHA Material Safety Data Sheet for Du Pont  
Oil Red Powder or Flakes.

These products are not regulated by DOT,  
IMCO, or IATA.

Very truly yours,

*L. G. Horner*

L. G. Horner  
Marketing Asst.-Additives

LGH:par  
Enclosure

*DPM 5160-1*  
*Dye, Red, Oil Soluble*